Refine Search

Search Results -

Terms	Documents
L6 and steady state	36

Database:

US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

L7			*	Refine Search
	Recall Text 👄	Clear		Interrupt

Search History

DATE: Tuesday, May 31, 2005 Printable Copy Create Case

Set Name side by side	Query	<u>Hit</u> Count	Set Name result set
DB=I	PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ		
<u>L7</u>	L6 and steady state	36	<u>L7</u>
<u>L6</u>	L5 and (explos\$6 or flam\$6)	302	<u>L6</u>
<u>L5</u>	L4 and (560/\$ or 562/\$)	1045	<u>L5</u>
<u>L4</u>	L3 and reactor	14234	<u>L4</u>
<u>L3</u>	L2 and cataly\$6	38901	<u>L3</u>
<u>L2</u>	L1 and (Propylene or propane or acrolein or isobutylene or methacrolein or xylene or naphthalene or benzene or butane)	53806	<u>L2</u>
<u>L1</u>	OXID\$5 and gas and oxygen and absor\$6	111141	<u>L1</u>

END OF SEARCH HISTORY

Clear Generate Collection Print Fwd Refs Bkwd Refs

Generate OACS

Search Results - Record(s) 1 through 10 of 36 returned.

1. Document ID: US 20050038291 A1

L7: Entry 1 of 36 File: PGPB

Feb 17, 2005

PGPUB-DOCUMENT-NUMBER: 20050038291

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050038291 A1

TITLE: Preparation of (meth)acrolein and/or (meth)acrylic acid

PUBLICATION-DATE: February 17, 2005

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47 Petzoldt, Jochen Weisenheim am Berg DE Unverricht, Signe Mannheim DE Arnold, Heiko Nanjing CN Muller-Engel, Klaus Joachim Stutensee DE Dieterle, Martin Mannheim DE

US-CL-CURRENT: <u>562/545</u>; <u>568/476</u>

-Full - Title - Citation	Front	Review Classification	Data Reference	Sequences 8#	achmante Claime I	Ante Dresser De
	1,011,01	Treates Classification	Date Netetellos	Doddonces Mil	opiniono perantispir	7001C DI300 DE

2. Document ID: US 20040199006 A1

L7: Entry 2 of 36

File: PGPB

Oct 7, 2004

PGPUB-DOCUMENT-NUMBER: 20040199006

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040199006 A1

TITLE: Production of aromatic carboxylic acids

PUBLICATION-DATE: October 7, 2004

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47 Graham, Derek Alexander Cleveland GB

Hamley, Paul Anthony Nottingham GB
Oliver, Raymond Stockton On Tees GB
Poliakoff, Martyn Nottingham GB

Record List Display Page 2 of 5

Woodcock, Duncan C.

Cheshire

GB

Ilkenhans, Thomas

Cambridge

GB

US-CL-CURRENT: '562/412

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KMC | / Drawk De

3. Document ID: US 20040015012 A1

L7: Entry 3 of 36

File: PGPB

Jan 22, 2004

PGPUB-DOCUMENT-NUMBER: 20040015012

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040015012 A1

TITLE: Safe operation of a continuous heterogeneously catalyzed gas-phase partial

oxidation of at least one organic compound

PUBLICATION-DATE: January 22, 2004

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Hammon, Ulrich Mannheim DE

Meschke, Jochen Otterstadt DE

Rauh, Ulrich Frankenthal DE

Muller-Engel, Klaus Joachim Stutensee DE

Schlemmer, Peter Eisenberg DE

US-CL-CURRENT: <u>562/532</u>; <u>562/542</u>, <u>702/22</u>

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KWC Draw De

4. Document ID: US 20030187294 A1

L7: Entry 4 of 36

File: PGPB

Oct 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030187294

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030187294 A1

TITLE: Process for producing <u>catalysts</u> comprising nanosize metal particles on a porous support, in particular for the <u>gas</u>-phase <u>oxidation</u> of ethylene and acetic

acid to give vinyl acetate

PUBLICATION-DATE: October 2, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47

Hagemeyer, Alfred Frankfurt DE Dingerdissen, Uwe Seeheim-Jugenheim DE Kuhlein, Klaus

Kelkheim

DE

Manz, Andreas

Sinzheim

DE

Fischer, Roland

Neckargemund

DE

US-CL-CURRENT: <u>560/241</u>; <u>502/325</u>, <u>502/344</u>

3	Full	Title Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KOMC	Drafu De

5. Document ID: US 20020173674 A1

L7: Entry 5 of 36

File: PGPB

Nov 21, 2002

Nov 21, 2002

PGPUB-DOCUMENT-NUMBER: 20020173674

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020173674 A1

TITLE: Production, purification and polymerization of aromatic dicarboxylic acids

PUBLICATION-DATE: November 21, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47 Rao, Krishna Kulai Kingwood TXUS Sellen, Russell D. Beaumont TX US Feng, Xiaobing Houston TX US Spanswick, James Wheaton ILUS Huber, William F. JR. Naperville ILUS

US-CL-CURRENT: <u>560/77</u>; <u>560/78</u>

Full	Title	e Citation Front Review	Classification	Date	Reference	Sequences	Attachments	Claims	KOMC	Drawi De
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	6.	Document ID: US 20	020173673	A1						

File: PGPB

L7: Entry 6 of 36

PGPUB-DOCUMENT-NUMBER: 20020173673 PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020173673 A1

TITLE: Production, purification and polymerization of aromatic dicarboxylic acids

PUBLICATION-DATE: November 21, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47 Rao, Krishna Kulai Kingwood TXUS Sellen, Russell D. Beaumont ΤX US Feng, Xiaobing Houston TX US

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US-CL-CURRENT: 560/77; 560/78

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw De

7. Document ID: US 20020028968 A1

L7: Entry 7 of 36

File: PGPB

Mar 7, 2002

PGPUB-DOCUMENT-NUMBER: 20020028968

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020028968 A1

TITLE: Production of aromatic carboxylic acids

PUBLICATION-DATE: March 7, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47 Graham, Derek Alexander Cleveland GB Hamley, Paul Anthony Nottingham GB Ilkenhans, Thomas Cambridge GB Oliver, Raymond Stockton on Tees GB Poliakoff, Martyn Nottingham GB Woodcock, Duncan C. Cheshire GB

US-CL-CURRENT: 562/415

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw De 8. Document ID: US 20010003783 A1

L7: Entry 8 of 36

File: PGPB

Jun 14, 2001

PGPUB-DOCUMENT-NUMBER: 20010003783 PGPUB-FILING-TYPE: new-utility

DOCUMENT-IDENTIFIER: US 20010003783 A1

TITLE: Method for preventing effluent gas pipe from blocking

PUBLICATION-DATE: June 14, 2001

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY RULE-47 Nishimura, Takeshi Hyogo JΡ Matsumoto, Yukihiro Hyogo JΡ Nakahara, Sei Hyogo JP Inada, Misao Hyogo JΡ Hirao, Harunori Hyogo JΡ Takamura, Mamoru Hyogo JP

Record List Display Page 5 of 5

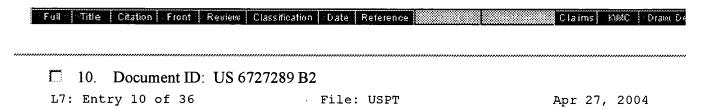
US-CL-CURRENT: <u>562/512</u>

Full Title Citation Front Review	Classification Date Reference Sequence	s Attachments Claims Killic Draw De
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9. Document ID: US 676	55113 B2	
L7: Entry 9 of 36	File: USPT	Jul 20, 2004

US-PAT-NO: 6765113

DOCUMENT-IDENTIFIER: US 6765113 B2

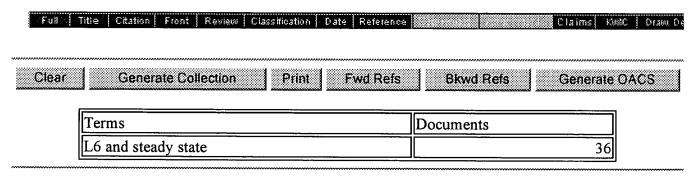
TITLE: Production of aromatic carboxylic acids



US-PAT-NO: 6727289

DOCUMENT-IDENTIFIER: US 6727289 B2

TITLE: Boron promoted catalysts and fischer-tropsch processes



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Search Results - Record(s) 11 through 20 of 36 returned.

11. Document ID: US 6651731 B2

L7: Entry 11 of 36

File: USPT

Nov 25, 2003

US-PAT-NO: 6651731

DOCUMENT-IDENTIFIER: US 6651731 B2

TITLE: Method for cooling heating grade heat exchanger in unsteady state

Full Title Citation Front Review Classification Date Reference

12. Document ID: US 6642407 B2

L7: Entry 12 of 36

File: USPT

Nov 4, 2003

US-PAT-NO: 6642407

DOCUMENT-IDENTIFIER: US 6642407 B2

TITLE: Production, purification and polymerization of aromatic dicarboxylic acids

Full Title Citation Front Review Classification Date Reference

13. Document ID: US 6603038 B1

L7: Entry 13 of 36

File: USPT

Aug 5, 2003

US-PAT-NO: 6603038

DOCUMENT-IDENTIFIER: US 6603038 B1

TITLE: Method for producing <u>catalysts</u> containing metal nanoparticles on a porous support, especially for <u>gas</u> phase <u>oxidation</u> of ethylene and acetic acid to form vinyl acetate

14. Document ID: US 6566551 B2

L7: Entry 14 of 36

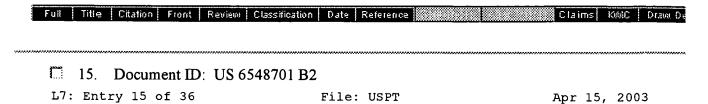
File: USPT

May 20, 2003

US-PAT-NO: 6566551

DOCUMENT-IDENTIFIER: US 6566551 B2

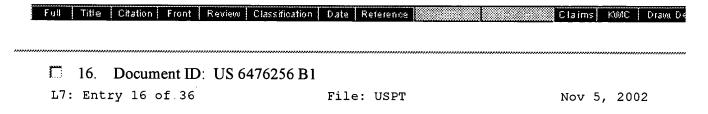
TITLE: Method for preventing effluent gas pipe from blocking



US-PAT-NO: 6548701

DOCUMENT-IDENTIFIER: US 6548701 B2

TITLE: Process for the preparation of 3-(methylthio)propanal



US-PAT-NO: 6476256

DOCUMENT-IDENTIFIER: US 6476256 B1

TITLE: Process and apparatus for preparation of phosphorus oxyacids from elemental

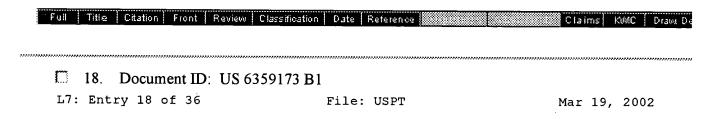
phosphorus

Full Title Citation Front Review Cl	assification Date Reference	Claims KNAC Draw Ds
17. Document ID: US 642	0595 B1	
L7: Entry 17 of 36	File: USPT	Jul 16, 2002

US-PAT-NO: 6420595

DOCUMENT-IDENTIFIER: US 6420595 B1

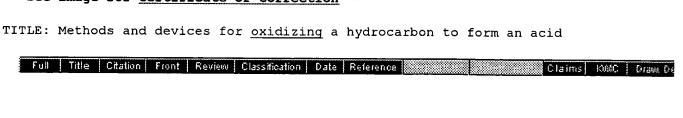
TITLE: Process control for vinyl acetate manufacture



US-PAT-NO: 6359173

DOCUMENT-IDENTIFIER: US 6359173 B1

** See image for <u>Certificate of Correction</u> **



19. Document ID: US 6320076 B1

L7: Entry 19 of 36

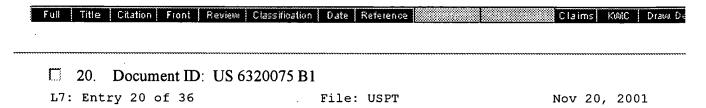
File: USPT

Nov 20, 2001

US-PAT-NO: 6320076

DOCUMENT-IDENTIFIER: US 6320076 B1

TITLE: Process for the preparation of 3-(methylthio) propanal



US-PAT-NO: 6320075

DOCUMENT-IDENTIFIER: US 6320075 B1

TITLE: Process and apparatus for preparing saturated carboxylic acids having one to

four carbon atoms

Full Title Citation Front	Review Classification	Date Reference C	laims KMC Draw De
Clear Generate Co	llection Print	Fwd Refs Bkwd Refs C	Generate OACS
Terms		Documents	
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Search Results - Record(s) 21 through 30 of 36 returned.

21. Document ID: US 6288270 B1

L7: Entry 21 of 36

File: USPT

Sep 11, 2001

US-PAT-NO: 6288270

DOCUMENT-IDENTIFIER: US 6288270 B1

TITLE: Methods for controlling the reaction rate of a hydrocarbon to an acid by

making phase-related adjustments

Full Title Cffation Front Review Classification Date Reference Claims KMC Draw Do

US-PAT-NO: 6143843

DOCUMENT-IDENTIFIER: US 6143843 A

TITLE: Simulated condensing mode

Full Title Citation Front Review Classification Date Reference Claims Kugo Draw De

File: USPT

US-PAT-NO: 6114575

L7: Entry 23 of 36

DOCUMENT-IDENTIFIER: US 6114575 A

TITLE: Process for preparing 2,6-naphthalenedicarboxylic acid

Full Title Citation Front Review Classification Date Reference Claims Killic Draw De

24. Document ID: US 5925794 A

L7: Entry 24 of 36

File: USPT

Jul 20, 1999

Sep 5, 2000

US-PAT-NO: 5925794

DOCUMENT-IDENTIFIER: US 5925794 A

Record List Display Page 2 of 3

TITLE: Process for the preparation of 3-(methylthio)propanal

Full Title Citation Front Review Classification Date Reference Claims KANC Draw Da

25. Document ID: US 5744647 A

L7: Entry 25 of 36

File: USPT

Apr 28, 1998

US-PAT-NO: 5744647

DOCUMENT-IDENTIFIER: US 5744647 A

TITLE: Process for the preparation of 3-(methylthio) propanal

26. Document ID: US 5693856 A

L7: Entry 26 of 36

File: USPT

Dec 2, 1997

US-PAT-NO: 5693856

DOCUMENT-IDENTIFIER: US 5693856 A

TITLE: Production of terephthalic acid

27. Document ID: US 5654475 A

L7: Entry 27 of 36

File: USPT

Aug 5, 1997

US-PAT-NO: 5654475

DOCUMENT-IDENTIFIER: US 5654475 A

TITLE: Methods of making intermediate oxidation products by controlling oxidation

rates in an atomized liquid

Full Title Citation Front Review Classification Date Reference Claims RAMC Draws De Claims RAMC De Claims RAMC De Claims RAMC Draws De Claims RAMC Draws De Claims RAMC DE Claims RAMC

US-PAT-NO: 5637766

DOCUMENT-IDENTIFIER: US 5637766 A

TITLE: Process for the preparation of 3-(methylthio) propanal

Full Title Citation Front Review Classification Date Reference Classification Draws De

29. Document ID: US 5373030 A

L7: Entry 29 of 36

File: USPT

Dec 13, 1994

US-PAT-NO: 5373030

DOCUMENT-IDENTIFIER: US 5373030 A

TITLE: Polyurethane foams having improved retention of insulative properties and

methods for the preparation thereof

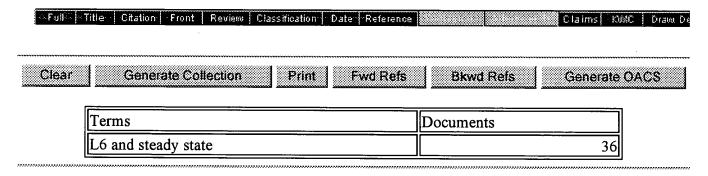
Full Title Citation Front Review Classification Date Reference Claims KMC Draw De Claims And Decument ID: US 5352837 A

L7: Entry 30 of 36 File: USPT Oct 4, 1994

US-PAT-NO: 5352837

DOCUMENT-IDENTIFIER: US 5352837 A

TITLE: Process for the preparation of 3-(methylthio)propanal



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Clear Generate Collection Print Fwd Refs Bkwd Refs
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Search Results - Record(s) 31 through 36 of 36 returned.

31. Document ID: US 5347046 A

L7: Entry 31 of 36

File: USPT

Sep 13, 1994

US-PAT-NO: 5347046

DOCUMENT-IDENTIFIER: US 5347046 A

TITLE: Catalyst and process for using same for the preparation of unsaturated

carboxylic acid esters

Full. Title Cfration Front Review Classification Date Reference Claims NMC Draw. De Cl

US-PAT-NO: 4952547

DOCUMENT-IDENTIFIER: US 4952547 A

** See image for Certificate of Correction **

TITLE: Catalyst for converting methane to higher hydrocarbons, including aromatic

compounds

Full Title Citation Front Review Classification Date Reference Claims KWC Drawa Do

33. Document ID: US 4504675 A

L7: Entry 33 of 36 File: USPT Mar 12, 1985

US-PAT-NO: 4504675

DOCUMENT-IDENTIFIER: US 4504675 A

TITLE: Method for making isobutyric acid or esters thereof

Full Title Citation Front Review Classification Date Reference

34. Document ID: US 4327226 A

L7: Entry 34 of 36

File: USPT

Apr 27, 1982

US-PAT-NO: 4327226

DOCUMENT-IDENTIFIER: US 4327226 A

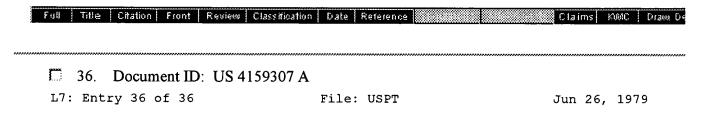
TITLE: Process and apparatus for producing aromatic dicarboxylic acids

Full Title Citation Front Review (Classification Date Reference	Claims KAAC Draw De
·····		
35. Document ID: US 42	19508 A	
L7: Entry 35 of 36	File: USPT	Aug 26, 1980

US-PAT-NO: 4219508

DOCUMENT-IDENTIFIER: US 4219508 A

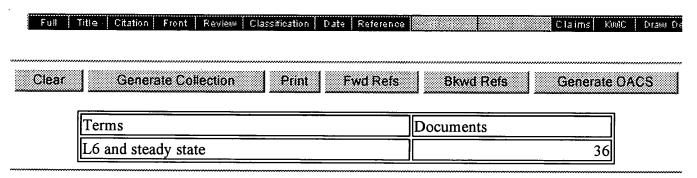
TITLE: Process for the preparation of low molecular weight polyhydroxyl compounds



US-PAT-NO: 4159307

DOCUMENT-IDENTIFIER: US 4159307 A

TITLE: Apparatus for producing aromatic dicarboxylic acids



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